Automation Test Plan

# Project Name:

RobotFramework Demo Automation Bank Tests

# Application Under Test (AUT):

Banking Demo Web App

# Prepared By:

Laig, Jonnel

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# 1. Introduction

This document defines the test strategy and approach for automating functional test cases of the Demo Bank Application using Robot Framework with SeleniumLibrary in a Page Object Model (POM) structure.

# 2. Objectives

* Automate core customer and manager workflows to reduce manual testing effort.
* Validate key functionalities like Login, Transactions, and Customer Management.
* Provide reusable test framework with modular design.

# 3. Scope

In Scope:  
- Customer Flow: Login, Deposit, Withdraw, Transactions, Logout  
- Manager Flow: Add Customer, Open Account, Search, Delete  
  
Out of Scope:  
- Performance Testing  
- Security Testing  
- Mobile Application Testing

# 4. Test Approach

* Framework: Robot Framework
* Tools: SeleniumLibrary
* Execution: Local

# 5. Deliverables

* Automated Test Scripts
* Test Execution Reports (Log.html, Report.html, Output.xml)
* Test Summary Report

# 6. Roles & Responsibilities

* QA Automation Engineer: Develop & Maintain Automation Scripts
* Test Lead: Review Test Plan & Reports
* DevOps Engineer: CI/CD setup

# 7. Risks

* Application downtime may affect test execution
* Test data dependency on environment